

Memorandum

To: CHAIR AND COMMISSIONERS

Meeting Date: November 6-7, 2002

Reference No.: 2.8c.
Action Item

From: ROBERT L. GARCIA
Chief Financial Officer

Prepared by: Tom McDonnell
Division Chief
Mass Transportation

Ref: **WAIVER APPROVAL – CTC RESOLUTION G-01-21, STATE TRANSPORTATION
IMPROVEMENT PROGRAM GUIDELINES, SECTION 65 – TIMELY USE OF FUNDS,
WAIVER-02-44**

ISSUE:

Resolution G-01-21, *STIP GUIDELINES*, adopted by the California Transportation Commission (Commission) on July 12, 2001, stipulates that the Commission may extend the deadline for project completion no more than one time and only if it finds that an unforeseen and extraordinary circumstance beyond the control of the responsible agency has occurred that justifies the extension. The extension will not exceed the period of delay directly attributed to the extraordinary circumstance and will in no event be for more than twenty (20) months.

San Francisco Bay Area Rapid Transit District (BART) is requesting a twenty (20) month time extension for the period of project completion for the Advanced Automatic Train Control (AATC) project (PPNOs 04-2112, 04-2121, 04-2139 and 04-2143).

RECOMMENDATION:

The Department recommends the Commission approve the twenty (20) month time extension to July 2004.

BACKGROUND:

The Commission approved resolution MFP-99-02 on July 15, 1999 allocating \$41,220,000 SHA/STP funds for Phase 3 of the AATC project. Phase 3 consists of installation of equipment on control cabs, at stations and trackside in the central portion of the BART system. The system uses

radio-based location and communication equipment adapted from military use, developed in partnership with a high-tech industrial supplier.

An early portion of Phase 3 work began in December 1999, but the main portion of work could not commence until completion of Phase 2 (development and testing to obtain California Public Utilities Commission certification for safety). At the time the allocation was made for Phase 3, completion of Phase 2 was expected in July 2000, but it actually occurred in July 2002. This has delayed the remainder of Phase 3 work, which is expected to take two years from the July 2002 certification date.

There have been several delays that have caused longer-than-expected periods of time for completion of testing and verification of the system (Phase 2). These include a higher than anticipated complexity of the project; change of ownership of the primary business partner and supplier; a false start on the part of the business partner/supplier in developing a method of assuring safety (18 months were spent on this effort); inability to accomplish as much testing as anticipated through lab testing and testing on the Hayward Test Track meant shifting the tests to revenue track (this caused 43 calendar days of delay due to limited possession time, 2 hours per day, but only when not pre-empted by shutdowns, maintenance and other events); and unexpected needs for modifications that were identified during testing.

Because of these delays, the agency will not be able to complete the project by the December 2002 deadline, and is requesting a 20-month extension until July 2004.

Attachment

November 2002

REQUEST TO EXTEND THE PERIOD OF PROJECT COMPLETION
CTC STIP GUIDELINES, SECTION 65 – TIMELY USE OF FUNDS

Recipient Project Description	PPNO #	Amount Allocated	Prog Yr.	Recipient's Stated Reason for Delay	Extension Request	Department Recommendation
Bay Area Rapid Transit District (BART) Advanced Automatic Train Control (AATC)	04-2112, 04-2121, 04-2139, 04-2143	\$41,220,000 MFP-99-02 7/15/99	99/00	Delays in Phase 2 delayed the start of Phase 3 of the AATC project. Functional testing of the AATC system (Phase 2) has been more complicated than projected. Lab and Test Track testing was not as effective as expected in simulating revenue track conditions, therefore, the project has performed a larger portion of testing than originally anticipated at the Revenue Track. But access to the Revenue Track for testing at BART is extremely limited. The 20-month extension will allow BART to complete Phase 3 of the AATC project.	20 Months 12/01/02 to 7/31/04	Approve. The twenty months requested will enable BART to complete the AATC project.